

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
BALDS2.37AUS1APPLICATION NO.  
10/648,184INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Amlan Datta et al.FILING DATE  
August 25, 2003GROUP  
1772

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
HL	2,676,892	04/27/54	J.D. McLaughlin			
HL	2,978,340	04/04/61	Franklin Veatch et al.			
HL	3,365,315	01/23/68	Warren R. Beck et al.			
HL	3,752,685	08/14/73	Hidemasa Honda et al.			
HL	2001/0043996	11/22/01	Kenji Yamada et al.			
HL	2002/0025436	02/28/02	Paul W. Meyer et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

EXAMINER INITIAL	

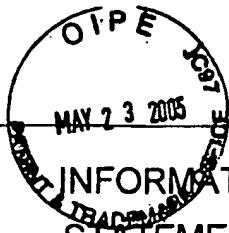
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EXAMINER

/Hoa Le/ (07/21/2006)

DATE CONSIDERED

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.



PTO/SB/08 Equivalent

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Application No.	10/648,184
	Filing Date	August 25, 2003
	First Named Inventor	Amlan Datta et al.
	Art Unit	1773
(Multiple sheets used when necessary)	Examiner	Hoa T. Le
SHEET 1 OF 3	Attorney Docket No.	HARD1.090A1

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
HL	1	3,256,105	06/14/1966	Alford	
	2	3,752,685	03/08/1971	Honda et al.	
	3	3,782,985	01/01/1974	Gebhardt	
	4	3,838,998	10/01/1974	Matthews et al.	
	5	3,873,475	03/25/1975	Pechacek et al.	
	6	3,904,377	09/09/1975	Honda et al.	
	7	3,909,283	09/30/1975	Warnke	
	8	4,111,713	09/05/1978	Beck	
	9	4,234,344	11/18/1980	Tinsley et al.	
	10	4,235,836	11/25/1980	Wassell et al.	
	11	4,252,193	02/24/1981	Powers et al.	
	12	4,305,758	12/15/1981	Powers et al.	
	13	4,332,618	06/01/1982	Ballard	
	14	4,336,338	06/22/1982	Downs et al.	
	15	4,340,407	07/20/1982	Anderson et al.	
	16	4,362,566	12/07/1982	Hinterwaldner	
	17	4,370,166	01/25/1983	Powers et al.	
	18	4,411,847	10/25/1983	Netting et al.	
	19	4,501,830	02/26/1985	Miller et al.	
	20	4,504,320	03/12/1985	Rizer et al.	
	21	4,623,390	11/18/1986	Delmonico	
	22	4,657,810	04/14/1987	Douden	
	23	4,661,137	04/28/1987	Garnier et al.	
	24	4,687,752	08/18/1987	Peters	
	25	4,826,788	05/02/1989	Dennert et al.	
	26	4,837,069	06/06/1989	Bescup et al.	
	27	5,069,702	12/03/1991	Block et al.	
	28	5,164,003	11/17/1992	Bosco et al.	
HL	29	5,176,732	01/05/1993	Block et al.	

Examiner Signature	/Hoa Le/ (07/21/2006)	Date Considered
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>		

T<sup>1</sup> - Place a check mark in this area when an English language Translation is attached.

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Multiple sheets used when necessary)

SHEET 2 OF 3

Application No.	10/648,184
Filing Date	August 25, 2003
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Art Unit	1773
Examiner	Hoa T. Le
Attorney Docket No.	HARD1.090A1

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Document Number Number - Kind Code (if known) Example: 1,234,567 B1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
HL	30	5,384,345	01/24/1995	Naton	
	31	5,407,983	04/18/1995	Naton	
	32	5,534,348	07/09/1996	Miller et al.	
	33	5,591,684	01/07/1997	Kawachi et al.	
	34	5,899,256	05/04/1999	Rohatgi	
	35	6,531,222 B1	03/11/2003	Tanaka et al.	
	36	6,572,697 B2	06/03/2003	Gleeson et al.	
	37	6,620,487 B1	09/16/2003	Tonyan et al.	
	38	6,626,991 B1	09/30/2003	Drochon et al.	
	39	6,644,162 B1	11/11/2003	Anshits et al.	
	40	6,648,961 B2	11/18/2003	Brothers et al.	
	41	6,656,265 B1	12/02/2003	Garnier et al.	
	42	6,660,078 B2	12/09/2003	Brothers et al.	
	43	6,811,603 B2	11/02/2004	Brothers et al.	
	44	6,814,798 B2	11/09/2004	Vijn et al.	
	45	2001/0043996 A1	11/22/2001	Yamada et al.	
	46	2002/0004111 A1	01/10/2002	Matsubara et al.	
	47	2003/0177995 A1	09/25/2003	Vijn et al.	
	48	2004/0080063 A1	04/29/2004	Datta et al.	
	49	2004/0081827 A1	04/29/2004	Datta	
HL	50	2005/0011412 A1	01/20/2005	Vijn et al.	

## FOREIGN PATENT DOCUMENTS

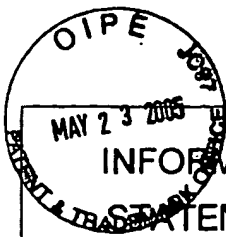
Examiner Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code Example: JP 1234567 A1	Publication Date MM-DD-YYYY	Name of Patentee or Applicant	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
HL	51	GB 1 448 320	09/02/1976	Washington State Univ. Rsh Foundation, Inc.		
HL	52	WO 96/07538	03/14/1996	Martin et al.		
HL	53	WO 01/72863 A1	10/04/2001	Burgess et al.		
HL	54	WO 2004/018090 A1	03/04/2004	Datta et al.		

Examiner Signature /Hoa Le/ (07/21/2006)

Date Considered

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	Art Unit	1773
SHEET 3 OF 3	Examiner	Hoa T. Le
	Attorney Docket No.	HARD1.090A1

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
	<del>55</del>	<del>Office Action dated August 16, 2004 to U.S. Patent Application No. 10/648,000 (HARD1.090A4)</del>	
	<del>56</del>	<del>Office Action dated April 27, 2005 to U.S. Patent Application No. 10/648,005 (HARD1.090A4)</del>	
HL	57	"Novel Raw Material for producing Heat Insulating Materials," Pawlowski et al., <i>Silikattechnik</i> (1982), 33(11), 339-340	
	58		
	59		

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